

For construction of the second Bet v 1-segment:

B1
5'CGG GGT ACC GAT GGG TGT TTT CAA TTA C3' (SEQ ID NO:3)

Kpn I

5'CCG GAA TTC CCG CTC GAG CTA TTA GTT GTA GGC ATC GGA GTG3'

Eco R I

Xho I

(SEQ ID NO:4)

Please replace the paragraph on page 7 lines 5-19 with the following amended paragraph:

Second Bet v 1-segment:

SEQ ID NO:5:

5'CGG GGT ACC GAT GGG TGT TTT CAA TTA C3'

Kpn I

SEQ ID NO:6:

B2
5'CGG AAT TCA CTA GTG GGT TGT AGG CAT CGG AGT G3'

Eco R I Spe I

Third Bet v 1-segment:

SEQ ID NO:7:

5'CCG GAA TTC GGA CTA GTA ATG GGT GTT TTC AAT TAC3'

Eco R I

Spe I

SEQ ID NO:8: 5'CGG AAT TCG TTG TAG GCA TCG GAG TG3'

Eco R I

Please replace the paragraph on page 9 lines 4-11 with the following amended paragraph:

B3
Results of studies on Bet v 1 polymers

Figure 1. Construction of the Bet v 1 polymers.

b3
The Bet v 1-cDNA (Breiteneder et al., EMBO J. 8 (1989) 1935-1938) was PCR-amplified with oligonucleotide primers containing different restriction enzyme cleavage sites. The PCR-products were then ligated as indicated in the figure and subcloned into the plasmid pET-17b (Novagen, Madison, USA). Bet v 1-Dimer (SEQ ID NOS: 13 and 14). Bet v 1-Trimer (SEQ ID NOS: 15 and 16) and Bet v 1-Tetramer (SEQ ID NOS: 17 and 18).

Please replace the paragraph on page 13 lines 19-27 with the following amended paragraph:

b4
Figure 8: Two monoclonal anti-Bet v 1-antibodies (moAb A and B) were used together with three synthetic Bet v 1-derived peptides were used in ELISA. The sequences of the three peptides are shown in the lower part of the figure and corresponds to aa 49-60 (SEQ ID NO:19) (p17), aa 52-63 (SEQ ID NO:20) (p18) and aa 55-66 (SEQ ID NO:21) (p19) of Bet v 1. The peptides were tested for binding to the two Bet v 1-specific monoclonals. The OD values are displayed on the y-axis. Both moAbs bind to the peptides p18 and p19, which are mapped to the first half of Bet v 1.

Please replace the paragraph on page 15 lines 7-16 with the following amended paragraph:

Bet v 1 (aa 1-74):

SEQ ID NO:9:

5' GGG AAT TCC ATA TGG GTG TTT TCA ATT AC3'

SEQ ID NO:10:

5' CGG GGT ACC TTA CTC ATC AAC TCT GTC CTT3'

Bet v 1 (aa 75-160):

SEQ ID NO:11:

65 5'GGG AAT TCC ATA TGG TGG ACC ACA CAA ACT3'

SEQ ID NO:12:

5'CGG GGT ACC TTA GTT GTA GGC ATC GGA3'

Please replace pages 22 and 23 of the specification with the amended version of pages 22 and 23 enclosed herewith.

/

Please insert the Sequence Listing attached hereto immediately after the abstract.